

ABSTRACT

~~METHOD FOR OBTAINING A SURFACE INACTIVATION OF A SOLID
SUPPORT FOR BUILDING BIOCHIPS ARRAYS~~

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~~The present invention is related to a method for obtaining microarrays
comprising the steps of:-~~

submitting the surface of a solid support to an oxidation of chemical groups present on
said surface in order to allow the formation of aldehyde functions upon the surface of
10 said solid support,
covalently binding upon said aldehyde functions capture molecules designed for the
detection, the identification, the quantification and/or the recovery of complementary
target biological or chemical molecules of interest; said covalent binding resulting in an
array comprising a density of at least 4 or more discrete regions/cm² of solid support
15 surface, each of said discrete surface regions being bound with a species of capture
molecules.

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